

In the Claims

79. (Amended) A capacitor comprising:

a barrier layer;

a first electrode in contact with said barrier layer;

a dielectric layer in contact with said first electrode and said barrier layer; and

a second electrode in contact with said dielectric layer, wherein at least one of said first and second electrodes comprises a constituent of an ultraviolet irradiated organic platinum group metal precursor.

80. (Amended) The capacitor according to claim 79, wherein said constituent of said ultraviolet irradiated organic platinum group metal film comprises Pt.

81. (Amended) The capacitor according to claim 79, wherein said first electrode comprises a platinum electrode.

82. (Amended) The capacitor according to claim 81, wherein said platinum electrode is a lower electrode.

83. (New) The capacitor according to claim 79, wherein said constituent is an oxygen annealed platinum group metal film.

84. (New) The capacitor of claim 83, wherein said oxygen annealed platinum group metal film is essentially free of carbon.

85. (New) The capacitor of claim 79, wherein said constituent is oxidation resistant.

86. (New) The capacitor according to claim 79, wherein said constituent of said ultraviolet irradiated organic platinum group metal film comprises Rh.

87. (New) The capacitor according to claim 79, wherein said constituent of said ultraviolet irradiated organic platinum group metal film comprises Pd.

88. (New) The capacitor according to claim 79, wherein said constituent of said ultraviolet irradiated organic platinum group metal film comprises Os.

33 89. (New) The capacitor according to claim 79, wherein said constituent of said ultraviolet irradiated organic platinum group metal film comprises Ir.

Conc'd 90. (New) The capacitor according to claim 79, wherein said constituent of said ultraviolet irradiated organic platinum group metal film comprises Au.

91. (New) The capacitor according to claim 79, wherein said constituent of said ultraviolet irradiated organic platinum group metal film comprises Ag.

92. (New) The capacitor according to claim 79, wherein said constituent of said ultraviolet irradiated organic platinum group metal film comprises Ru.